



LLANDEILO
URBAN DISTRICT COUNCIL

ANNUAL REPORT
of the
Medical Officer of Health
1957



ANNUAL REPORT
for the Year 1957

To the Llandeilo Urban District Council.

Mr. Chairman, Madam & Gentlemen,

I beg to submit my sixth Annual Report for the year ended 31st December, 1957, and to record that it was a good year for health in the Urban Area apart from a small outbreak of influenza.

The Registrar General's estimated population figure was again twenty fewer than in 1956.

My Report has again been divided into two sections:-

- (1) Medical Statistics, and
- (2) Sanitary circumstances in the area.

The second part has been prepared by the Public Health Inspector and I wish to take this opportunity of thanking him for his continued loyal support in the work of the Department, and the Members of the Council and Staff for their help and interest at all times.

I have the honour to remain
Your obedient Servant,

G.M. HERBERT

Medical Officer of Health.



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STATISTICS

The Area of the Urban District is 311 acres.

The estimated population for 1957 is 1840 a further drop of twenty.

Rateable Value, Year Ended 31st March, 1957 - £23,877

Product of a 1d rate, Year Ended 31st March, 1957 - £93.19.3.

LIVE BIRTHS

There was an increase in the number of births compared with the low figure of 12 in 1956. The number of domiciliary births was again five.

	Male	Female	Total
Legitimate	11	12	23
Illegitimate	1	0	1
Legitimate and Illegitimate	12	12	24

The Birth Rate for 1957 was 13.04 per 1,000 estimated population.

The Birth Rate for Carmarthenshire for 1957 was 13.79 per 1,000 estimated population.

The Birth Rate for England and Wales for 1957 was 16.1 per 1,000 estimated population.

STILL BIRTHS

No Still Births occurred during the year.

The Still Birth Rate for Carmarthenshire for 1957 was 29.32 per 1,000 total births.

The Still Birth Rate for England and Wales for 1957 was 22.4 per 1,000 total births.

INFANT MORTALITY

There were no neonatal or infant deaths during the year.

INFANT DEATH RATES PER 1,000 LIVE BIRTHS

	Llandeilo U.D.C.	Carmarthenshire County Council	England & Wales
Deaths under 1 year of age	0	29.8	23.0
Deaths of infants under 1 month	0	20.43	

MATERNAL MORTALITY RATES

There were also no deaths resulting from Pregnancy or Childbirth in the Area during 1957.

DEATHS FROM ALL CAUSES AT ALL AGES

There were 34 deaths during the year, 16 male and 18 female. This is an increase on the previous year when the total was 26.

26 of the 34 deaths (11 male and 15 female) were over 65 years of age i.e. 76% of the total deaths. 62% (8 male and 13 female) were over 70 years and 41% (5 male and 11 female) were over 75 years and 32% (4 male and 7 female) were over 80 years.

CAUSES OF DEATHS IN 1957

	Male	Female
Tuberculosis - Respiratory	1	0
Influenza	0	0
Bronchitis	1	0
Other Respiratory Diseases	0	0
Diphtheria	0	0
Acute Poliomyelitis	0	0
Cancer	1	6
Cerebral Vascular Lesions	3	1
Coronary Disease	3	2
Other Heart Diseases	3	8
Other Circulatory Diseases	2	0
Digestive Diseases	0	0
Accidents	0	0
Other Illdefined Diseases	1	0
Nephritis and Nephrosis	1	0
All Causes - Male	16	
Female		18

DEATH RATES PER 1,000 ESTIMATED POPULATION

	Llandeilo U.D.	Carmarthenshire County Council	England & Wales
All Causes	18.48	13.72	11.5
Diphtheria	0.00	.0	-
Influenza	0.00	-	-
Tuberculosis(all forms)	0.54	0.15	-
Acute Poliomyelitis	0.0	-	-
Cancer (all forms)	3.80	2.0	-

CANCER

There were 7 deaths from Cancer 1 male and 6 females - compared with 4 in 1956 so the death rate this year was higher than that for the County.

Classification of Deaths from Cancer

	Ages								
	60-65		65-70		70-75		75+		
Sites	Male	Female	Male	Female	Male	Female	Male	Female	TOTAL
Stomach								1	1
Colon & Rectum	1			1		1			3
Bile Duct								1	1
Breast						1			1
Ovary		1							1

PREVALENCE OF AND CONTROL OVER DISEASES OTHER THAN TUBERCULOSIS

In common with the rest of the country some cases of influenza occurred in the late Autumn - affecting firstly the school children and then some of the adults. Tests carried out showed it was due to the Asian strain of the influenza virus which had spread to this country from the Far East. The illness was of a mild character and caused no deaths in this area.

Only four cases of infectious diseases were reported during the year - two cases of measles - one of pneumonia and one of erysipelas .

FOOD POISONING

No cases were notified in the Urban During the year.

DIPHTHERIA

It is gratifying to report again that at leas for ten years no cases of diphtheria have occurred in the area, but to maintain this freedom from the disease it is necessary that children should receive the full course of inoculations. These inoculations are given by the local Medical Practitioners and at the Infant Welfare Clinic which is held on alternative Wednesdays from 2 - 4 p.m.

The following are the figures:-

Age 0 - 5 years who completed full primary course 20
Age 5 - 15 " " " " " " -
Number who received reinforcing injections 1

Some of these received combined inoculations against Diphtheria and Whooping Cough.

Vaccination against Small pox - A number of infants received vaccinations against Smallpox. Separate figures are not available for Llandeilo but in the whole County 1027 infants were vaccinated - 43.72% of the registered births for the year.

Poliomyelitis - Vaccination against Poliomyelitis was given to children in certain age groups the numbers of the whole County were:-

Those who received the full course of two injections 7653

Those who received one injection

1717

B.C.G. Vaccination against Tuberculosis - the figures for the whole County were:-

<u>Contact Scheme</u>	Number skin tested	1121
	" found negative	626
	" vaccinated	297
<u>School Children Scheme</u>	Number skin tested	132
	" found negative	113
	" vaccinated	113

TUBERCULOSIS

Two new cases of tuberculosis were notified during the year and one case transferred from another area. All were suffering from respiratory disease. There was also one death from respiratory tuberculosis.

	Llandeilo U.D.		Carms. County Council	England & Wales
	Nos.	Rates	Rates	
	M.	F.		
New Cases				
Respiratory	2.	0 1.08	0.92	
Non-Respiratory	0	0 0.0	0.12	
Deaths				
Respiratory	1	0 0.54	0.11	
Non-Respiratory	0	0 0	0.04	

MASS RADIOGRAPHY

The Mass Radiography Unit was stationed in the Town for two days during June this year. 809 were examined - an increase of 42 on the previous visit. 274 were senior school children - ten of whom were referred for further observation - one has since been admitted to Hospital for treatment. Of the total number examined 14 or 1.73% required further observation at the Chest Clinic and 120 or 14.83 were found to have some abnormality - 106 of whom (13.10%) had an abnormality of the chest.

Analysis of Chest Abnormalities

<u>Classification of Abnormality</u>	M.	F.	Total
Healed primary tuberculosis	9	23	32
Healed post-primary tuberculosis	1	1	2
Congenital abnormalities of the Bony thorax and soft tissues	1	9	10
Acquired abnormalities of the Bony thorax and soft tissues	1	4	5
Bronchiectasis	2	2	4
Emphysema	2	1	3
Pulmonary fibrosis(non tuberculosis)	2	2	4
Pneumoconiosis	20	-	20
Benign tumours of the lung and mediastinum	1	-	1
Carcinoma in the lung and mediastinum	-	-	-
Acquired abnormality of heart and vessels	10	14	24
Ploural thickening or calcification(non tuberculosis)		1	1
TOTALS	49	57	106

NATIONAL ASSISTANCE ACT, 1948

No action was required under this Act during the year.

FACTORIES AND WORKSHOPS

1. Inspection for purposes of provisions as to health:-

	Number of		
	Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which Sections 1,2,3,4, and 6 are to be enforced by L.A.'s.	34	1	0
(2) Factories not included in (1) in which Section 7 is enforced by the L.A.	1	0	0
(3) Other premises in which Section 7 is enforced by the L.A. (including outworkers premises)	0	0	0
	35	1	0

2. Cases in which defects found:-

	Found	Remedied	Referred to H.M. Inspector	Prosecutions
Want of Cleanliness	0	0	0	0
Overcrowding	0	0	0	0
Unreasonable Temperature	0	0	0	0
Inadequate Ventilation	0	0	0	0
In-effective drainage of floors	1	0	0	0
Sanitary Conveniences				
(a) Insufficient	0	0	0	0
(b) Unsuitable	0	0	0	0
(c) Not separate for sexes	0	0	0	0
Other offences (not including offences relating to outwork)	0	0	0	0
TOTAL	1	0	0	0

SANITARY CIRCUMSTANCES IN THE AREA

WATER

The supply of water to the Town is obtained from two sources (a) Maesevan Reservoir and (b) Llandyfan Spring.

Maesevan Reservoir is situated $2\frac{1}{2}$ miles from the Town at 397 O.D. and 110 feet above the highest point of the Town. The supply is derived from land springs above the reservoir the latter having a capacity of 1,000,000 gallons.

Llandyfan Spring is situated $5\frac{1}{2}$ miles from the Town at 480 feet O.D. and 193 feet above the highest point of the Town. The supply is derived from a spring in a limestone stratum, with an estimated overflow of 1,000,000 gallons per day.

Both supplies are conveyed by gravitation to the Town in 5" cast iron pipes. The Maesevan pipe line is approximately 100 years old. Examination of the interior surfaces of the pipes show considerable incrustation. The Llandyfan mains are in good condition although 60 years old. This supply is chlorinated at the rate of .3 parts per million, with a Wallace and Tiernan plant at Dewydd.

The Town mains supply parts of Ffairfach and Rhosmaen in the Llandeilo Rural Area and the total population supplied is approximately 4,000. The average daily estimated consumption is 90,000 gallons. All Town properties have a piped supply.

DRAINAGE AND SEWERAGE

The Sewers of the Town are combined, taking both sewage and surface water. The sewers serve the Town with the exception of several houses in the Nantyrhibo area, Brookland Terrace and the lower part of Bridge Street.

The sewers are constructed in stoneware pipes and culverts.

At present the sewage discharges untreated into the River Towy. A new Scheme for relaying the sewers is in progress and the outlets will be linked with the new trunk main (now nearing completion) to discharge into the new purification plant constructed under a Joint Scheme with the Town and the Rural District Council. On completion the sewer will take the drainage from Brookland Terrace and the lower part of Bridge Street referred to above.

PUBLIC CLEANSING

A twice weekly collection of household refuse is carried out throughout the Town by direct labour. The purchase of a second hand vehicle by the Council in 1956, for this purpose has proved very successful. It is probable that a new and more modern vehicle will be purchased in the near future.

Disposal is carried out by depositing in tips outside the Town on land privately owned. The tip is regularly inspected and treated against Rodent infestation.

RODENT CONTROL

The Council employs a full time female operator. The services of the operator are free in respect of dwelling houses and a charge is levied in respect of business and other premises.

The Town sewers are treated twice yearly in accordance with the Ministry of Agriculture and Fisheries instructions. During the year extensive infestation was noted throughout the Town. This was effectively dealt with by your operator.

Rodent Control (Cont.)

It is clear that this infestation was largely due to rats gaining access to the Town via the stone culverts from the river. This infestation should fall sharply when the new sewers are constructed.

The following are details of the operator's work:-

	Dwelling Houses	Business and other premises	Total
Number of properties inspected	206	10	206
Number of properties found to be infested with rats	103	8	111
Number treated	103	8	111
Number re-treated	93	3	96

FOOD

The Council owns a commodious Market Hall divided into Stalls. Four of these Stalls are occupied by Caretakers and one by a caterer.

A sink, wash hand basin and a constant hot water supply has been provided for the use of the Stallholders and Caretaker.

Stalls

Two food stalls are erected outside the Market on Market days. The washing facilities in the Market are available for these Stallholders.

Following written notices served last year, the Stallholders have now provided screens around the Stalls.

Shops

During the year, considerable progress was made in the provision of wash hand basins, sinks and hot water supplies in the various shops in the Town. Cordial co-operation was experienced in all cases.

A Notice is outstanding in respect of one shop. Improvements to this shop estimated to be over \$1000 are nearing completion. The work involved includes new sanitary accommodation, washing facilities, hot water supply and refrigerated food storage.

Food inspection

Surrender Certificates were issued to food premises in respect of the following foods:-

Pork Pies	21
Faggots	36
Sausage	18 lbs
Bacon	46 lbs
Tinned Ham	13 $\frac{3}{4}$ lbs
Cheese	25 lbs
Margarine	16 lbs

Tinned Foods

Fruit	39 tins
Vegetables	59 tins
Meat	13 tins
Fish	3 tins
Milk	5 tins

Disposal of these foods is carried out under the supervision of the Public Health Inspector to ensure complete destruction.

HOUSING

STATISTICS

1. Number of new permanent houses erected during the year:-	Total
(a) By Local Authority	NIL
(b) By other bodies or persons	1
2. Number of new permanent houses under construction during the year:-	
(a) By Local Authority	8
(b) By other bodies or persons	4
1. Inspection of Dwelling-houses during the year	
(1)(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	24
(b) Number of inspections made for the purpose	80
(2)(a) Number of dwelling-houses (included under Sub-head (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925 and 1932	14
(b) Number of inspections made for the purpose	14
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to unfit for human habitation	2
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonable fit for human habitation	14
2. <u>Remedy of Defects during the year without the service of formal Notices:-</u>	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	12
3. <u>Action under Statutory Powers during the Year:-</u>	
A. <u>Proceedings under Sections 9,10 and 16 of the Housing Act, 1936</u>	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs.	2
(2) Number of dwelling-houses which were rendered fit after service of formal Notices:	

(a)	By owners	2
(b)	By Local Authority in default of owners	NIL
(c)	Outstanding at 31st December, 1957	NIL

B. Proceedings under Public Health Acts

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.	NIL
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:	
(a)	By Owners	NIL
(b)	By occupiers	NIL
(c)	By Local Authority in default of owners	NIL
(d)	Outstanding at 31st December, 1957.	NIL

C. Proceedings under Section 11 and 13 of the Housing Act, 1936

(1)	Number of dwelling-houses in respect of which Demolition Orders were made	NIL
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	NIL
(3)	Number of dwelling-houses in respect of which an undertaking was accepted from the owners	NIL
(4)	Number of dwelling-houses in respect of which undertakings were determined, the dwelling-houses having been rendered fit	NIL

D. Proceedings under Section 12 of the Housing Act, 1936

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	NIL
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	NIL

4. Housing Act, 1936 - Part IV. :-

(a)(1)	Number of dwellings overcrowded at the end of the year	NIL
(2)	Number of families dwelling therein	NIL
(3)	Number of persons dwelling therein	NIL
(b)	Number of new cases of overcrowding reported during the year	NIL
(c)(1)	Number of cases of overcrowding relieved during the year	NIL
(2)	Number of persons concerned in such cases	NIL
(d)	Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	NIL
(e)	Any other particulars with respect to overcrowding conditions	NIL

MEAT INSPECTION

The following are details of animals slaughtered and inspected during the year at the Council's Abattoir:-

	Cattle	Calves	Sheep	Pigs
Number killed	931	110	4640	1347
Number inspected	931	110	4640	1347
Carcases of which some part or organ was condemned	78	NIL	45	23
Percentage of number inspected affected with disease other than Tuberculosis	8.3%	NIL	19%	17%
Percentage of number inspected affected with Tuberculosis	NIL	NIL	NIL	NIL
Whole Carcasses condemned other than with Tuberculosis	1	NIL	1	1
Whole carcasses condemned as a result of Tuberculosis	NIL	NIL	NIL	NIL

All condemned and waste products are removed by Messrs. Smithfield Animal Products of Swansea for processing into fertilizer etc.

